

Converting Colors

Hex(3DD5C9)

Have a look what the booklet for
Hex(3DD5C9) contains.

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Color

Hex(3DD5C9)

Conversions

Conversions Part 1

Format	Color
Hex	3DD5C9
RGB	61, 213, 201
RGB Percent	24%, 84%, 79%
CMY	0.7608, 0.1647, 0.2118
CMYK	0.71, 0.00, 0.06, 0.16
HSL	175°, 64%, 54%
HSV	175°, 71%, 84%
XYZ	36.2613, 52.7976, 63.5381
YIQ	166.1840, -86.7400, -35.9560

Conversions

Conversions Part 2

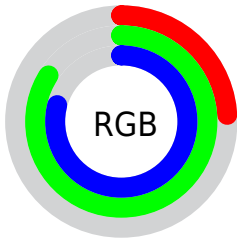
Format	Color
RYB	61, 140, 213
Decimal	4052425
CIELab	77.76, -41.48, -5.48
CIELCh	78, 41.842, 187.530
Yxy	52.7976, 0.2376, 0.3460
Android (android.graphics.Color)	4282242505 (0xFF3DD5C9)
YUV	166.1840, 17.1643, -92.2464
Hunter-Lab	72.6620, -38.0796, -0.9818

Details

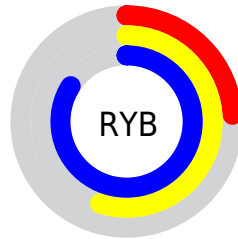
The Hex color **3DD5C9** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D53D49**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **82FFFF**, and **009E93** is the 20% darker color. If you saturate the color by 10%, you get **28D5C7**, and if you desaturate by 10%, it is **52D5CB**.

Distribution



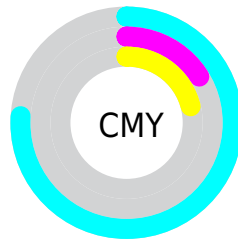
- Red (24%)
- Green (84%)
- Blue (79%)



- Red (24%)
- Yellow (55%)
- Blue (84%)



- Cyan (71%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (76%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DD5C9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3DD5C9 by changing the saturation by 10% instead.

 3DD5C9

 3DD5C9

FFFFFF

 00B9AE


 82FFFF

 009E93

 A1FFFF

 008379

 C0FFFF

 006961


 DEFFFF

 005049

 FDFFFF

 003833

 00231E

 000004

 000000

■ 3DD5C9

■ 3DD5C9

■ 28D5C7

■ 52D5CB

■ 12D5C6

■ 68D5CC

■ 00D5C4

■ 7DD5CE

■ 92D5D0

■ A8D5D1

■ BDD5D3

■ D2D5D5

■ E7D5D6

■ FDD5D8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76D3A1



3DD5C9



04D3EE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3DD5C9



D1B3FE



F2B479

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3DD5C9



D53D49

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA793



3DD5C9



F9A6DF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3DD5C9



98C1FF



FFA2B8



D0C172

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3DD5C9



38CFFF



FFA2B8



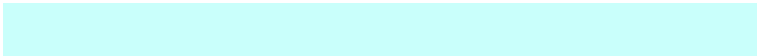
FBAF80

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3DD5C9



C9FFFB



4AD53D



60807D



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3DD5C9



24FFEE



3D96D5



606B6A



00AB9D



002B28

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D53D49



FF2435



D57C3D



6B6061



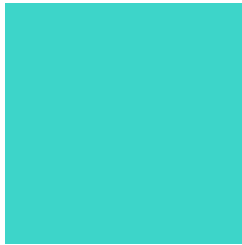
AB000D



2B0003

Previews

White Background



This preview shows how the Hex color 3DD5C9 looks on a white background.

Color Contrast Check

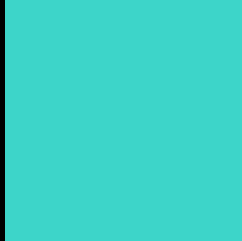
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3DD5C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

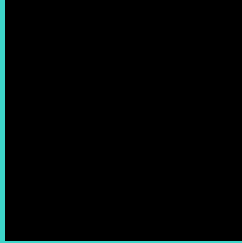
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

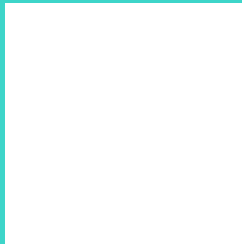
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3DD5C9 Background



This preview shows how black text looks on a background with the Hex color 3DD5C9.

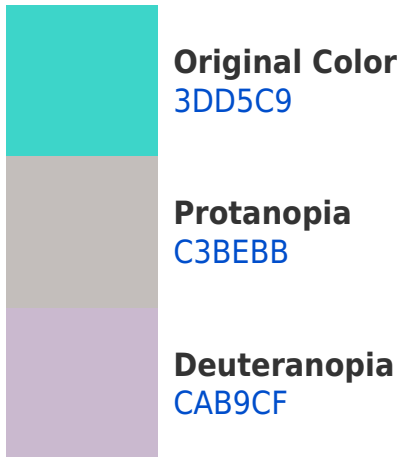


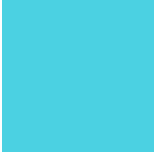
This preview shows how white text looks on a background with the Hex color 3DD5C9.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4BD1E2

Trichromacy



Original Color
3DD5C9



Protanomaly
92C6C0



Deuteranomaly
97C3CD

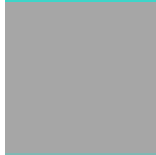


Tritanomaly
46D2D9

Monochromacy



Original Color
3DD5C9



Achromatopsia
A6A6A6



Achromatomaly
80B7B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DD5C9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3DD5C9 looks like.

```
.text, #text, p{  
    color:#3DD5C9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3DD5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DD5C9
}
```

Border

The CSS property to change the border of an element to Hex 3DD5C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3DD5C9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3DD5C9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3DD5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DD5C9; -webkit-box-shadow:4px 4px  
4px 4px #3DD5C9; box-shadow:4px 4px 4px  
4px #3DD5C9 }
```

Background

The CSS property to change the background color of an element to Hex 3DD5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DD5C9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3DD5C9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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